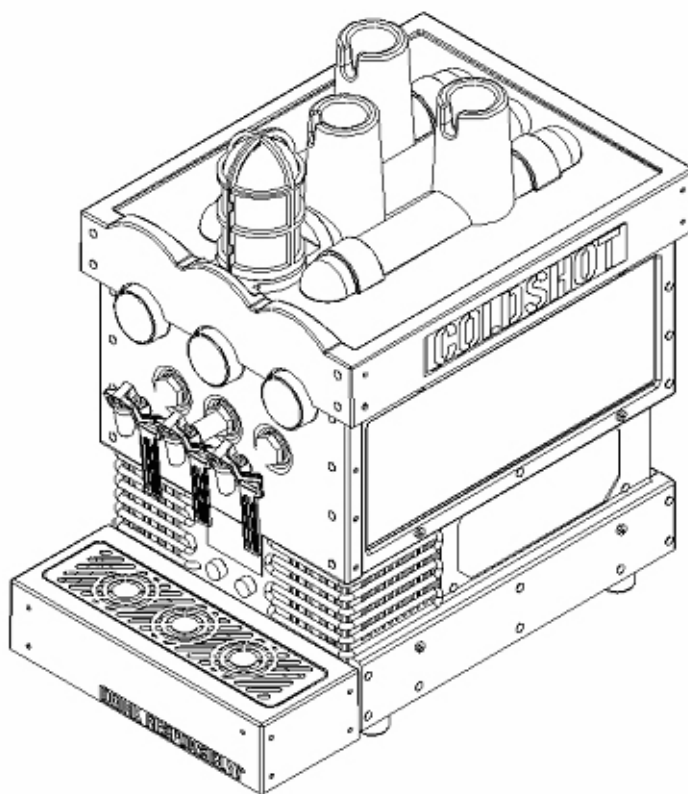




COLD SHOT

Operator's Manual with Installation and Service



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SERVICE MANUAL

The products, technical information, and instructions contained in this manual are subject to change without notice. These instructions are not intended to cover all details or variations of the equipment, nor to provide for every possible contingency in the installation, operation or maintenance of this equipment. This manual assumes that the person(s) working on the equipment have been trained and are skilled in working with electrical, plumbing, pneumatic, and mechanical equipment. It is assumed that appropriate safety precautions are taken and that all local safety and construction requirements are being met, in addition to the information contained in this manual.

To inquire about current revisions of this and other documentation or for assistance with any Cornelius product contact:

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DRINK RESPONSIBLY

If you do choose to drink, please do so responsibly. Alcohol use by persons under the age of 21 is illegal and is not condoned by IMI Cornelius.

START UP INSTRUCTIONS

1. Place unit on a sturdy countertop near a safe GFCI electrical outlet. Ensure all four feet on bottom of unit are firmly sitting on a level surface.

IMPORTANT: Allow 4 inches of clearance on each side and rear of the unit for proper ventilation of the refrigeration system. If proper clearance is not maintained the compressor will not be able to keep the product cold.

CAUTION: To avoid damage to the compressor it must be in an upright position at least 4 hours before plugging the unit in.

2. Clean tank with soap solution. Then flush out the tank with warm tap water. Whenever emptying the tanks completely the unit needs to be tilted forward at a 45-degree angle to ensure all liquid is removed.
3. Pour product into the unit reservoir tanks. It will take about 1.5 liter of product to fill each tank for the first time. Invert the last bottle vertically and let it sit upside down on the tank inlet.
4. Plug unit into GFCI outlet for use. Let the unit's refrigeration system cool down the reservoirs for approximately 2-3 hours. After the appropriate cool down time has lapsed, the compressor will continue to cycle on and off to keep product cool. The product will then dispense between 5°F and 15°F.

OPERATING INSTRUCTIONS

To operate depress lever of respective brand beverage and continuous dispense will occur. As the level in the tank decreases, the internal tank is automatically filled by evacuation of the bottle on top. When a bottle on top of the unit is completely empty, it must be replaced immediately with a full bottle of the same product, or performance will degrade. To maintain proper cooling, capacity, and prevent freezing it is recommended to replace empty bottles immediately with full bottles. Use the visual slots in bottle holders as a guide to determine volume remaining inside the top bottle.

The unit is supplied with single-handed operation faucets. This allows the bar-staff serving the cold shots the capability of using one hand to hold the glass while simultaneously activating the lever to allow beverage to flow. If the valve lever is raised forward and vertical it then allows free-flow of the product from the respective faucet. This mode is used for filling large glasses, pitchers, cleaning or emptying the tanks.

Do not tighten down on nut on valve, as this will affect the tank to valve seal.

If the dispenser fails to dispense product see troubleshooting guide.

MAINTENANCE

DAILY (OR AS REQUIRED)

Clean faucets externally with clean wet towel.

Wipe down unit with damp cloth and rinse out drip tray with soap solution.

MONTHLY (OR AS REQUIRED)

Make sure when cleaning the tanks that unit is unplugged.

Clean tank with soap solution.

Vacuum condenser coils in back of unit.

BRAND CHANGEOVER

Clean and sanitize tank with proper cleaning procedure.

Follow the "Cleaning Tanks" procedure and step 2 of the "Start up" procedure for each flavor being changed.

CLEANING INSTRUCTIONS

Soap solution – Use a mixture of mild detergent and warm (100 F) potable water.

Sanitizing solution – Use ½ ounce of household bleach in 1 gallon of potable water. Preparing the sanitizing solution to this ratio will create a solution of 200 PPM.

DISPENSER MAINTENANCE

Cleaning Exterior Surfaces

IMPORTANT: Perform the following daily.

1. Remove cup rest from drip tray.
2. Wash the drip tray with soap solution. Then rinse with clean water.
3. Wash cup rest with soap solution and rinse in clean water. Install the cup rest into the drip tray.
4. Clean all exterior surfaces with soap solution and rinse in clean water.
5. Vacuum dust from grill on back of unit.

Cleaning Tanks

1. Unplug unit.
2. Remove product from tanks.
3. Rinse out tanks with soap solution.
4. Rinse out tanks with potable water.
5. Open the faucet and tilt entire unit forward at a 45-degree angle to completely drain each tank; otherwise the residual water and soap solution will remain inside the tanks.

TROUBLESHOOTING

IMPORTANT: Only qualified personnel should service internal components or electrical wiring.

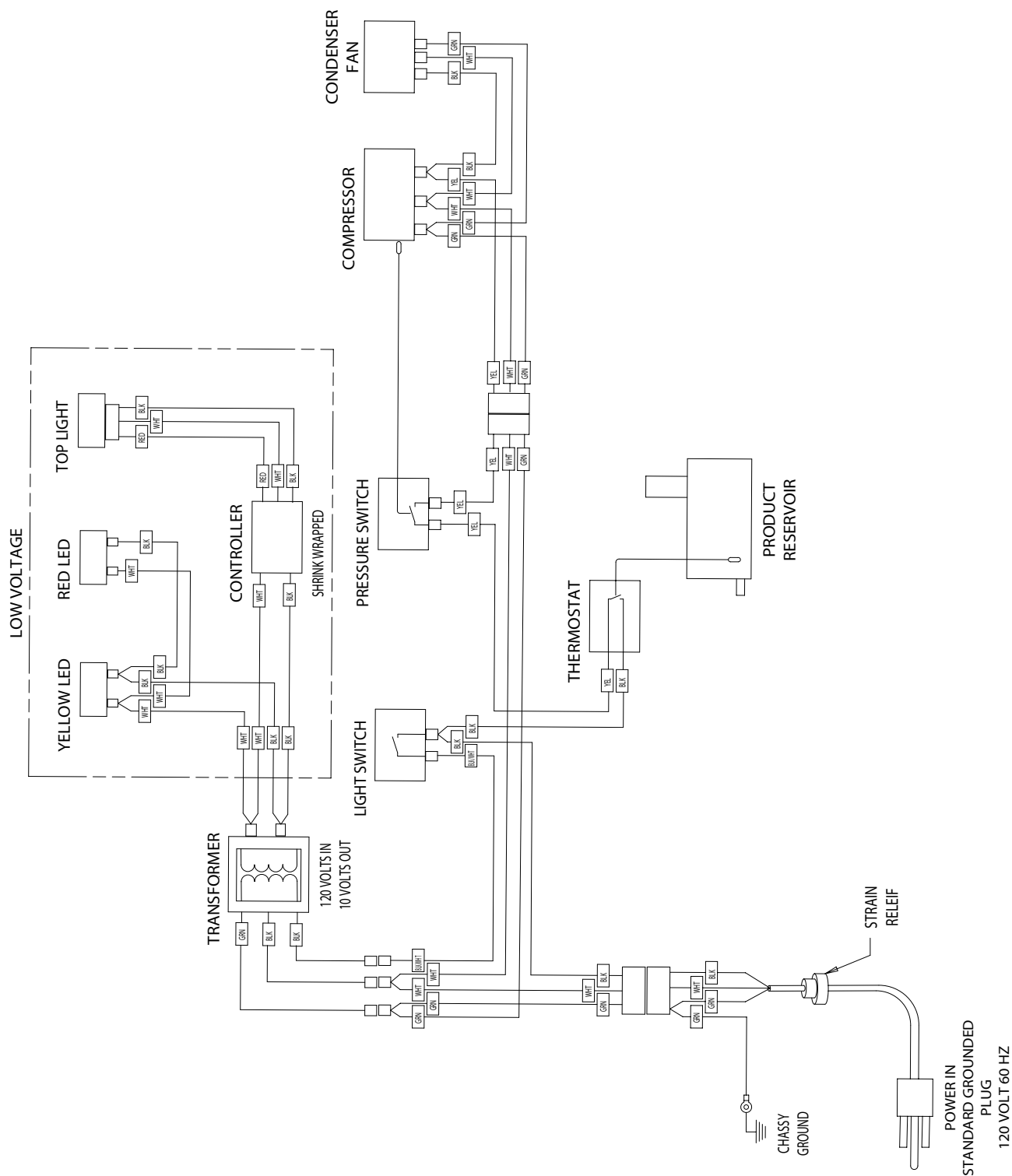
Should your unit fail to operate properly, check that there is power to the unit. If the unit does not dispense, check the following chart under the appropriate symptoms to aid in locating the defect.

Trouble	Probable Cause
TRIPPED CIRCUIT BREAKER.	A. Short circuit in wiring.
	B. Circuit breaker overloaded.
PRODUCT DOES NOT DISPENSE.	A. Out of product.
	B. Clog in valve body.
	C. Lever not attached.
PRODUCT WARM.	A. Thermostat setting incorrect.
	B. Unit not plugged in.
	C. Circuit breaker tripped.
	D. Defective refrigerator deck.
	E. Unit capacity exceeded.
LIGHTS DO NOT TURN ON	A. No power
	B. Switch turned off.
	C. Lights burnt out.

SERVICE PARTS

Cladding Panel RH Side	620052965
Cladding Panel LH Side	620052966
Drip Tray	620046271
Cup Rest sheet metal	620708546
Thermostat	620314421
Plug Silicone Thermowell	620519024
Valve Assembly (includes Lever)	620608787
Lever	620709345
O-Ring	310784000
Window Clear Side	620052944
Guard Top Light (qty.2 per unit)	620047511
Screw long 10-32 x 7/8 Phillips (functional)	620720802
Screw short TF 8-16 x 1/4 Phillips (decorative)	620720596
Decal pack of two large side (rectangular shape)	620920157
Decal pack of six small front brands (wedge shape)	620920156
Label "COLD SHOT" side (qty. 2 per unit)	620921118
Label caution front (triangular shape)	620921119
Label "Drink Responsibly" front drip tray	620921120
Lens clear Top Light	620518226
Lens red Top Light	620518227

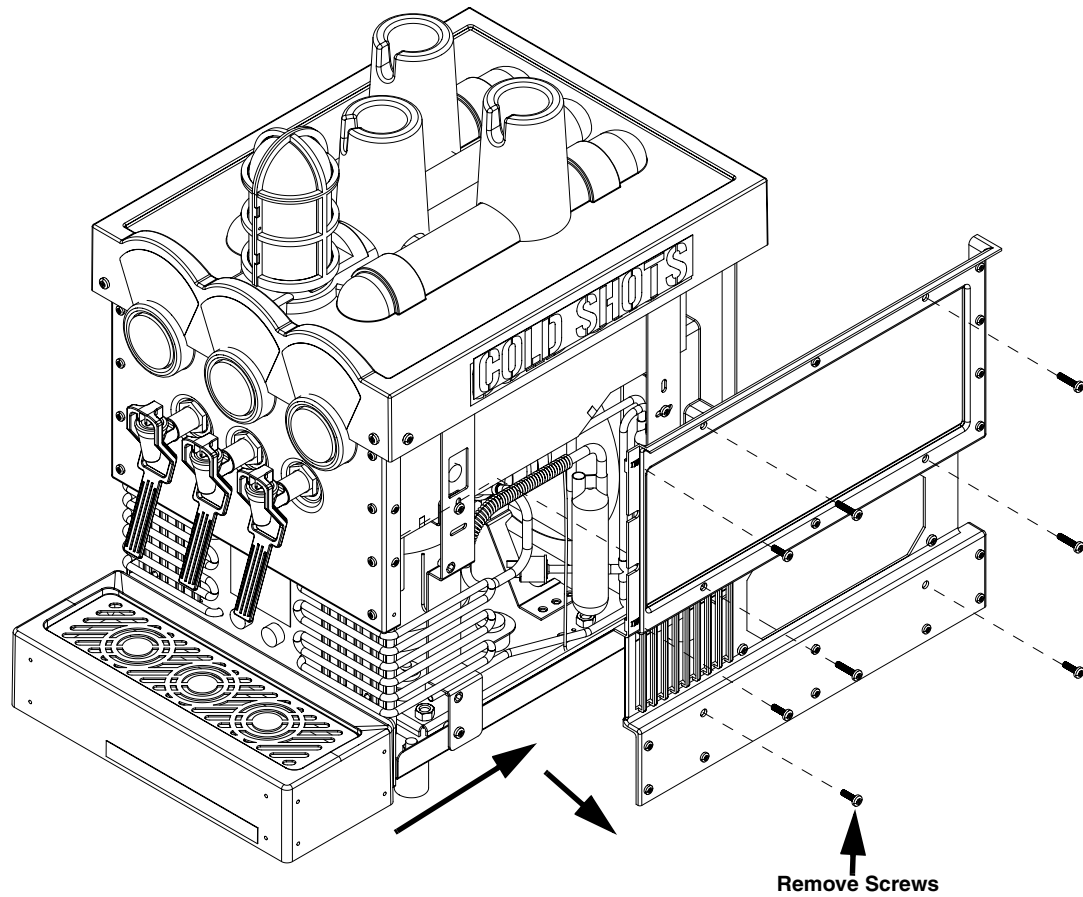
WIRING DIAGRAM



PARTS CHANGEOUT

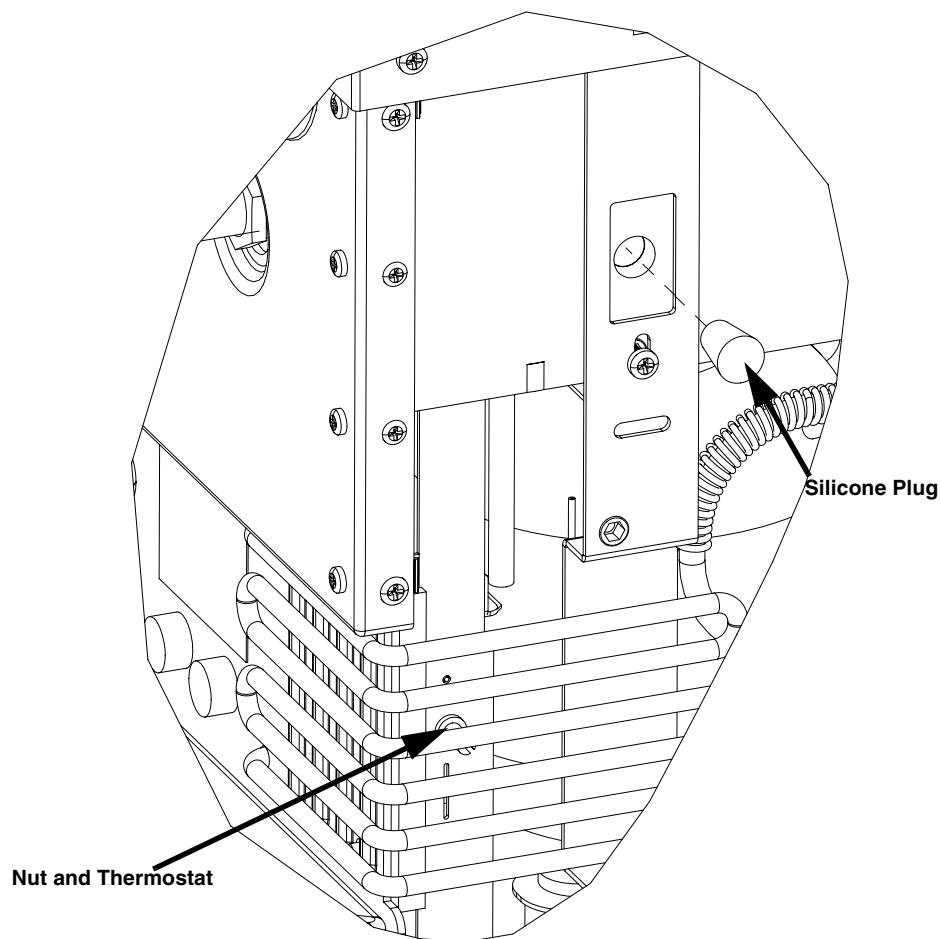
SIDE PANEL REMOVAL

1. Remove the screws on the side panel.
2. Slide the panel back and then pull it out to remove.



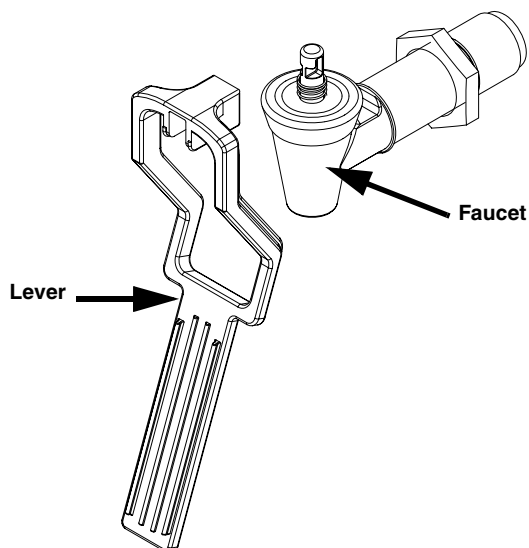
THERMOSTAT REPLACEMENT

1. Remove silicone plug.
2. Remove nut and then remove the thermostat.



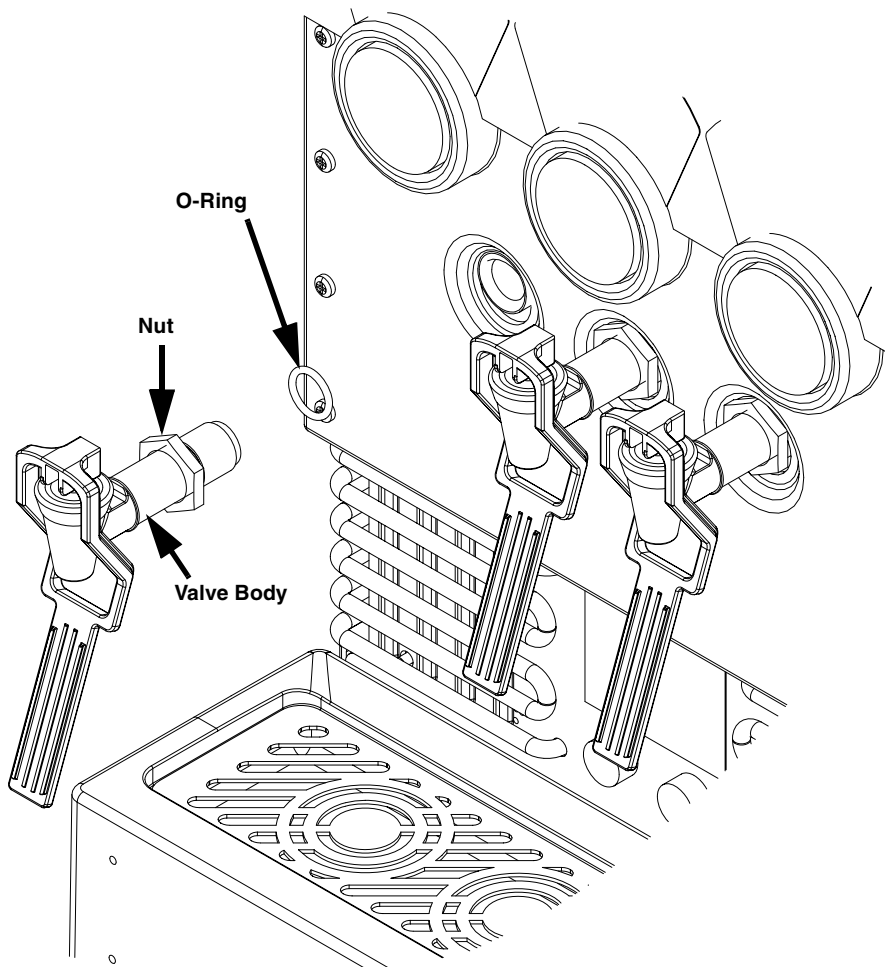
LEVER REPLACEMENT

1. Push a blunt object up into the faucet opening.
2. Pull the lever forward to remove.



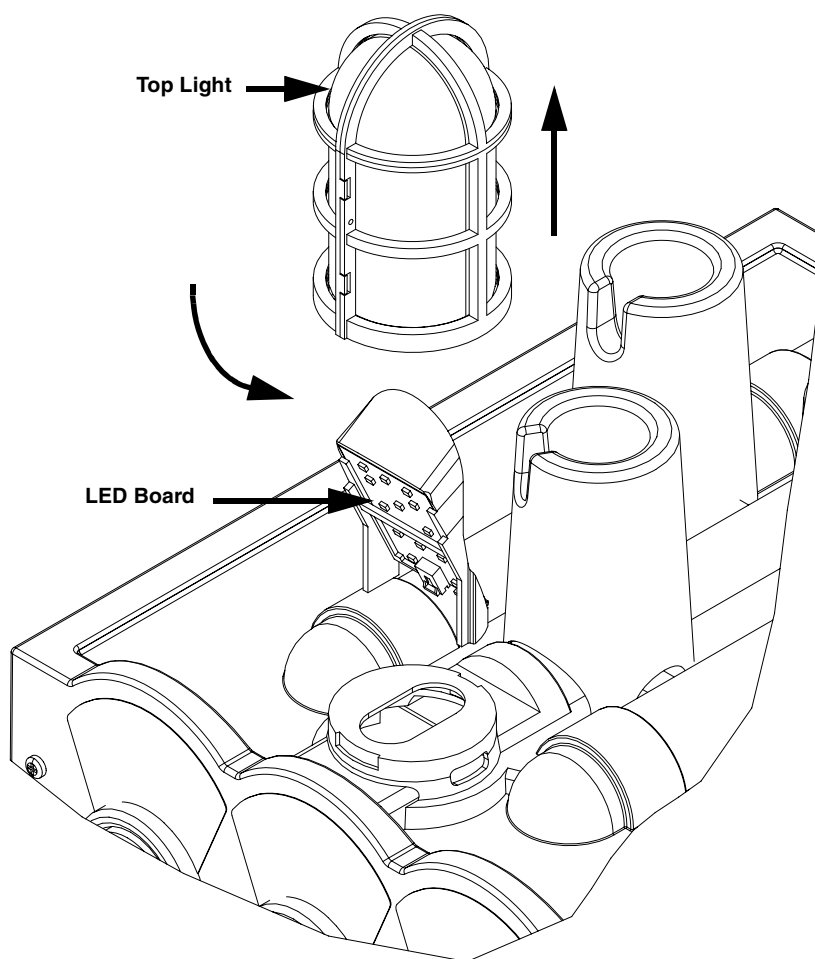
VALVE CHANGE OVER

1. Unscrew the entire valve body.
2. Replace the o-ring and screw the valve back in place.
3. Tighten the nut onto the o-ring.



SERVICING TOP LIGHT

1. Slightly twist and pull up on the top light.
2. Unplug the harness and replace the LED board.



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